



receipt

Attorney Docket No. 11520US03

IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Applicants:

Daniel J. Marchok
Richard C. Younce
Peter J. W. Melsa

Serial No.: 09/659,194

Filed: September 11, 2000

For: MULTI-POINT OFDM/DMT
DIGITAL COMMUNICATIONS
SYSTEM INCLUDING REMOTE
SERVICE UNIT WITH
IMPROVED TRANSMITTER
ARCHITECTURE

Group Art Unit: 2663

Examiner: Not yet assigned

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AUG. 22, 2003

Ronald E. Larson
Ronald E. Larson
Registration No. 24,478
Agent for Applicants

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REQUEST FOR A CORRECTED FILING RECEIPT

Commissioner for Patents
Office of Initial Patent Examination
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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the filing receipt for the above-identified case be
corrected as follows:

In the section entitled "Continuing Data as Claimed by Applicant", please delete "WHICH IS A
CON OF" and insert --AND A CON OF--.

A copy of the Official Filing Receipt reflecting all changes in red is attached hereto as Exhibit A. Also enclosed is a copy of the first page of the specification and a copy of the Preliminary Amendment as filed September 11, 2000.

Correction of this error by issuing a corrected filing receipt is respectfully requested.

In the event that any additional fees are required for the filing of this response, the Commissioner is hereby authorized to charge any fees which may be required as a result of filing this paper to Deposit Account No. 13-0017 in the name of McAndrews, Held & Malloy, Ltd.

Respectfully submitted,

MCANDREWS, HELD & MALLOY, LTD.

By

Ronald E. Larson

Ronald E. Larson

Registration No. 24,478

Agent for Applicants

34th Floor

500 West Madison

Chicago, Illinois 60661

(312) 775-8000

Dated: AUG. 22, 2003



11520US03

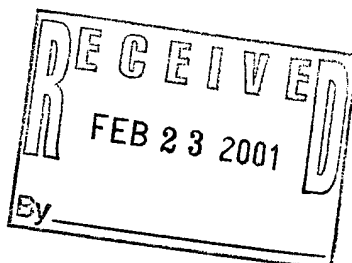
(REL)

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/659,194	09/11/2000	2663	1082	11520US03	10	29	4

Robert B Polit
McAndrews Held & Malloy Ltd
500 W Madison
Suite 3400
Chicago, IL 60661



CORRECTED FILING RECEIPT



OC00000005754809

Date Mailed: 02/12/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Daniel J. Marchok, Buchanan, MI ;
Richard C. Younce, Wakarush, IN ;
Peter J. W. Melsa, McKinney, TX ;

Continuing Data as Claimed by Applicant

THIS APPLICATION IS A CIP OF 08/700,779 08/22/1996 PAT 5,790,514
~~WHICH IS A CON OF 08/772,321 12/23/1996 PAT 6,118,758~~

AND A CON OF

Foreign Applications

If Required, Foreign Filing License Granted 11/03/2000

Title

Multi-point ofdm/dmt digital communications system including remote service unit with improved transmitter architecture

Preliminary Class

370

Data entry by : LOVER, ANTHONY

Team : OIPE

Date: 02/12/2001



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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

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PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
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Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
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Customer Service Center
Washington, DC 20231



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Case No. 11520US03

PATENT

In the Application of:)
)
Daniel J. Marchok et al.)
)
Serial No.:)
)
Filed: September 11, 2000)
)
For: MULTI-POINT OFDM/DMT DIGITAL)
COMMUNICATIONS SYSTEM)
INCLUDING REMOTE SERVICE UNIT)
WITH IMPROVED TRANSMITTER)
ARCHITECTURE)

CERTIFICATE OF MAILING

I hereby certify that this
correspondence and all correspondence
referenced herein are being deposited
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express mail in an envelope addressed to
the Asst. Commissioner for Patents,
United States Patent and Trademark
Office, BOX APPLICATION, Washington
DC 20231 on September 11, 2000 as No.
EL282691929US.

By: Ronald E. Larson
Ronald E. Larson
Reg. No. 24,478

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Kindly amend the above-identified application as follows:

In the Specification:

Page 1, in the Cross-Reference To Related Applications, line 7, after
"August 22, 1996," kindly insert – and a continuation of U.S.S.N. 08/772,321, filed
December 23, 1996.

In the Drawings:

Kindly enter the enclosed formal drawings for Figures 1-18.

In the Claims:

Kindly cancel claims 2-29 leaving only claim 1 as a pending claim.

Date: September 11, 2000

Respectfully submitted,

A handwritten signature in cursive script, reading "Ronald E. Larson", written over a horizontal line.

Ronald E. Larson

Reg. No. 24,478

Attorney for Applicant

McAndrews, Held & Malloy, Ltd.
500 W. Madison, 34th Floor
Chicago, IL 60661
312.775.8000

TITLE OF THE INVENTION
MULTI-POINT OFDM/DMT DIGITAL COMMUNICATIONS
SYSTEM INCLUDING REMOTE SERVICE UNIT WITH IMPROVED
TRANSMITTER ARCHITECTURE

CROSS-REFERENCE TO RELATED APPLICATIONS

The present application is a continuation-in-part application of U.S.S.N. 08/700,779, filed August 22, 1996.

STATEMENT REGARDING FEDERALLY SPONSORED
RESEARCH OR DEVELOPMENT

Not Applicable

BACKGROUND OF THE INVENTION

The present invention is directed to a remote service unit for use in an OFDM/DMT digital communications system. More particularly, the present invention is directed to an improved transmitter architecture for use in a remote service unit of a multi-point, OFDM/DMT digital communications system.

Multi-point communications systems having a primary site that is coupled for communication with a plurality of secondary sites are known. One such communications system type is a cable telephony system. Cable telephony systems transmit and receive telephone call communications over the same cable transmission media as used to receive cable television signals and other cable services.

One cable telephony system currently deployed and in commercial use is the Cablesan 2300 system available from Tellabs, Inc. The Cablesan 2300 system uses a head end unit that includes a primary transmitter and primary receiver disposed at a primary site. The head end unit transmits and receives

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Bib Data Sheet

CONFIRMATION NO. 9145

SERIAL NUMBER 09/659,194	FILING OR 371(c) DATE 09/11/2000 RULE	CLASS 370	GROUP ART UNIT 2665	ATTORNEY DOCKET NO. 11520US03
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APPLICANTS
 Daniel J. Marchok, Buchanan, MI;
 Richard C. Younce, Wakarush, IN;
 Peter J. W. Melsa, McKinney, TX;

**** CONTINUING DATA ******* *yes*
 This application is a CIP of 08/700,779 08/22/1996 PAT 5,790,514
 and is a CON of 08/772,321 12/23/1996 PAT 6,118,758

**** FOREIGN APPLICATIONS ******* *NA*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
**** 11/03/2000**

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY MI	SHEETS DRAWING 10	TOTAL CLAIMS 29	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>pn</i> Initials				

ADDRESS
 Robert B Polit
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 500 W Madison
 Suite 3400
 Chicago, IL 60661

TITLE
 Multi-point ofdm/dmt digital communications system including remote service unit with improved transmitter architecture

FILING FEE RECEIVED 1208	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
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		<input type="checkbox"/> 1.18 Fees (Issue)
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